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THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: REZVANI et al.

Attorney Docket No.: VELCP008X1C

Application No.: 09/779,789

Examiner: Not yet assigned

Filed: Feb 7, 2001

Group: 2661

Title: Method and Apparatus for Channel
Estimation for X-DSL Communications

CERTIFICATE FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 June 19, 2001.

Dated: June 19, 2001

Signed: _____

Charles C. Cary

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.56 AND 1.97(c)

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date
— OR —
— (2) It is being filed within 3 months of entry of a national stage
— OR —
X (3) It is being filed before the mail date of the first Office Action on the merits.

37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

— a certification as specified in §1.97(e) is provided below; or

— a fee of \$240.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

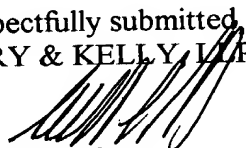
— 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; and

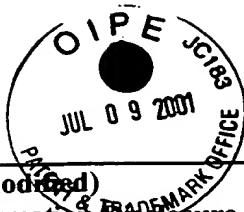
C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

X *Fee Authorization.* The Commissioner is hereby authorized to charge any underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-1338 (Order No. VELCP008X1C). A duplicate copy of this authorization is enclosed.

Respectfully submitted,
CARY & KELLY, LLP


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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	VELCP008X1C
	Application No.:	09/779,789
	Applicant:	REZVANI et al.
	Filing Date	Feb 7, 2001
	Group	Not yet assigned

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,179,420	1/12/93	So et al.	356	73.1	6/7/91
	B	4,911,515	3/27/90	So et al.	350	96.16	12/22/88
	C	5,699,402	12/16/97	Bauer et al.	379	26	9/26/94
	D	4,968,880	11/6/90	Beller	250	227.21	1/4/90

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.